

Data File : BF111480.D
Acq On : 15 Dec 2018 20:34
Operator : JU/SJ
Sample : J6397-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB11 0-2

Quant Time: Dec 16 00:48:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

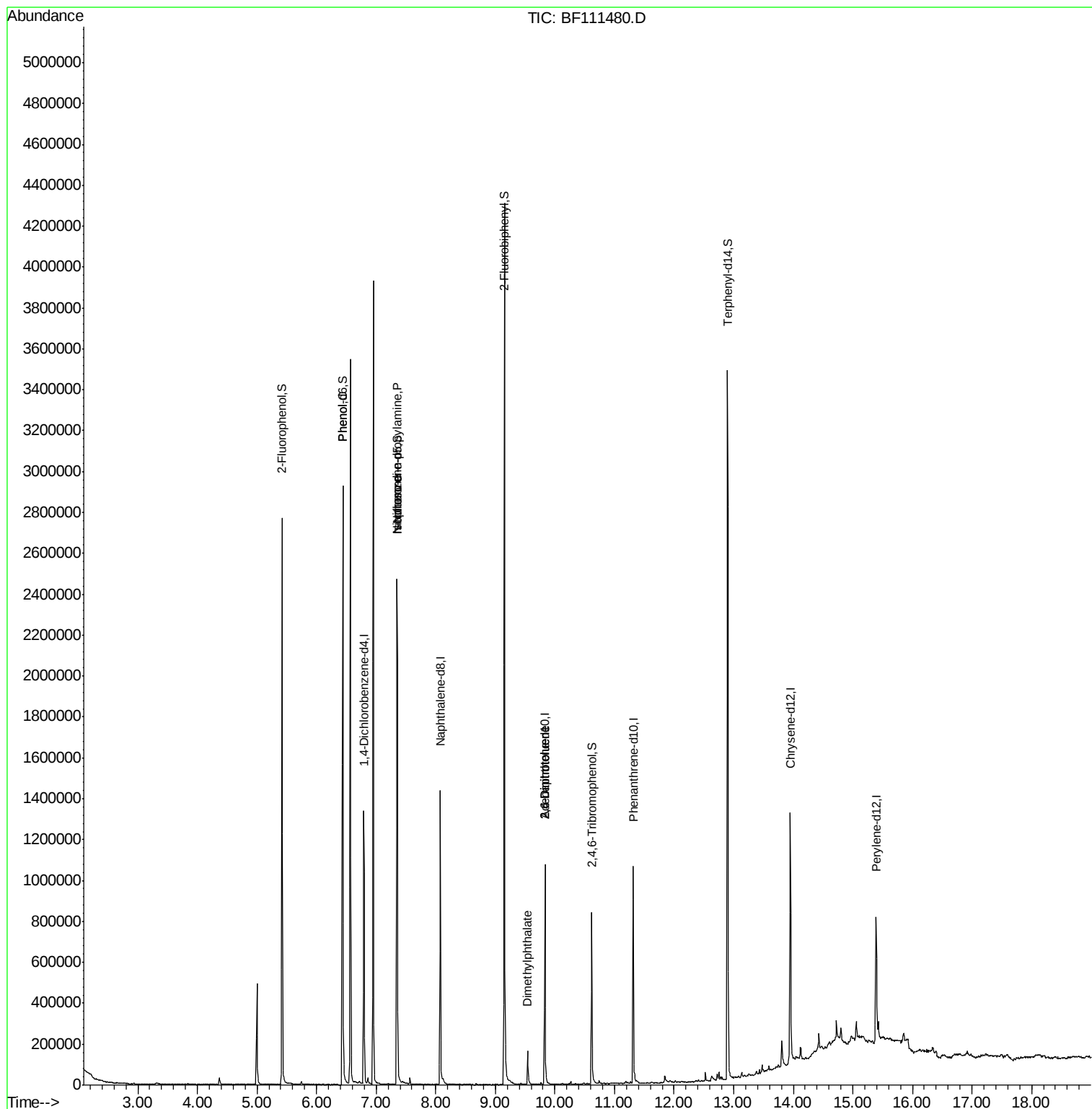
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	190040	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	677013	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	249003	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	402138	20.00	ng	0.00
76) Chrysene-d12	13.95	240	406394	20.00	ng	0.00
87) Perylene-d12	15.39	264	287943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	716194	62.71	ng	0.00
7) Phenol-d6	6.44	99	1064596	70.08	ng	0.00
23) Nitrobenzene-d5	7.35	82	820051	72.13	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	98923	44.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1378706	85.53	ng	0.00
79) Terphenyl-d14	12.90	244	1212312	70.05	ng	0.00
Target Compounds						
10) Phenol	6.45	94	71701	4.237	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	105042	10.481	ng	# 75
25) Isophorone	7.35	82	820038	42.629	ng	# 64
50) Dimethylphthalate	9.55	163	77590	4.327	ng	98
51) 2,6-Dinitrotoluene	9.83	165	30949	7.667	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	30949	5.842	ng	# 25

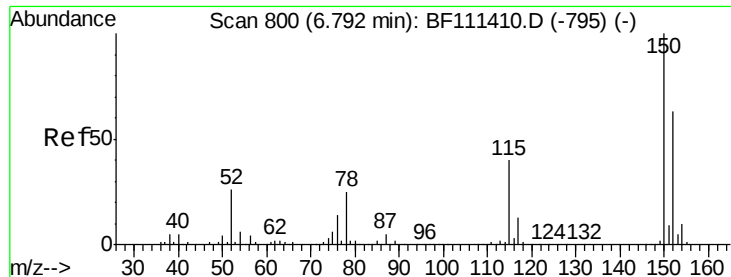
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

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ClientSampleId :

EB11 0-2

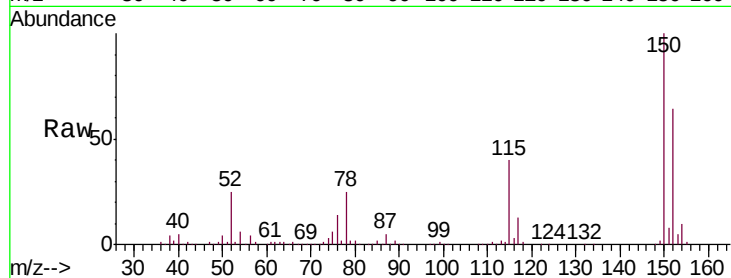
Tgt Ion:152 Resp: 190040

Ion Ratio Lower Upper

152 100

150 155.2 126.6 189.8

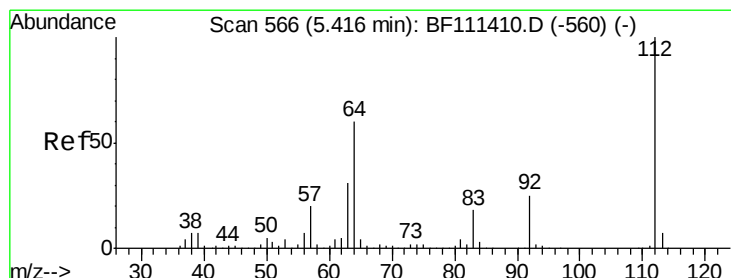
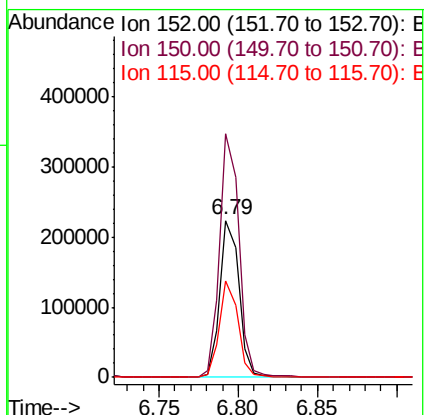
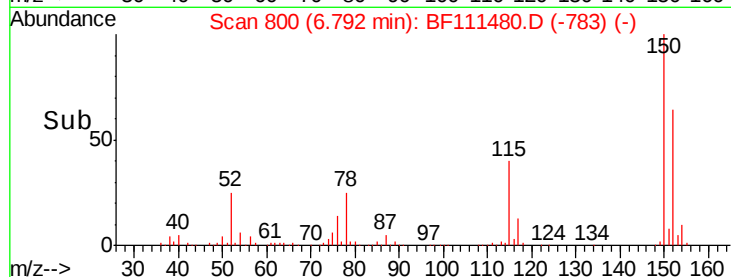
115 61.8 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 62.713 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111480.D

Acq: 15 Dec 2018 20:34

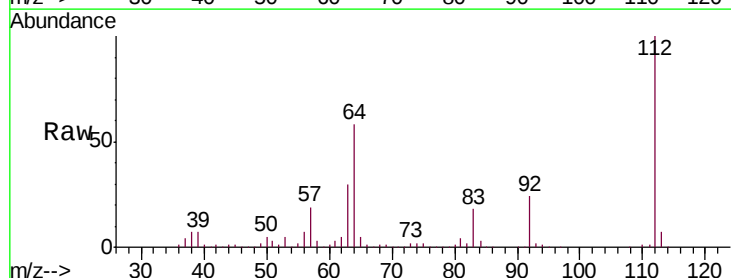
Tgt Ion:112 Resp: 716194

Ion Ratio Lower Upper

112 100

64 58.4 51.8 77.6

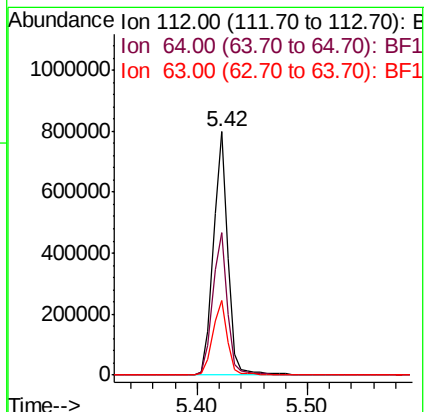
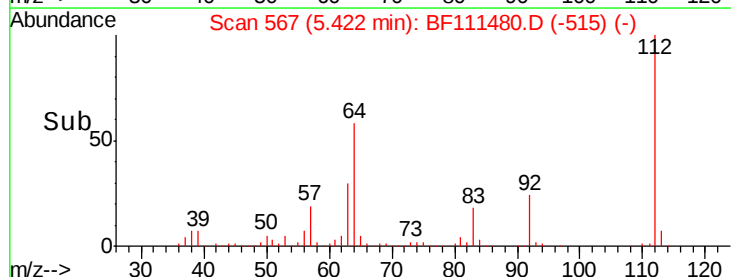
63 30.4 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 70.081 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111480.D

Acq: 15 Dec 2018 20:34

Instrument :

BNA_F

ClientSampled :

EB11 0-2

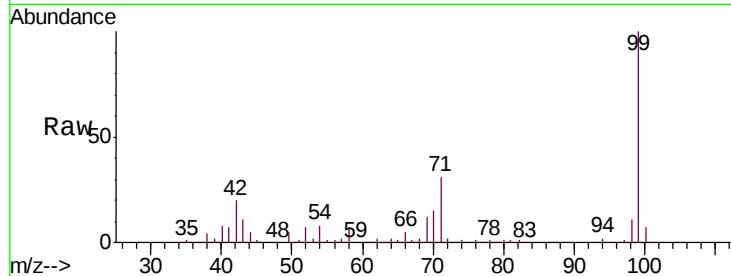
Tgt Ion: 99 Resp: 1064596

Ion Ratio Lower Upper

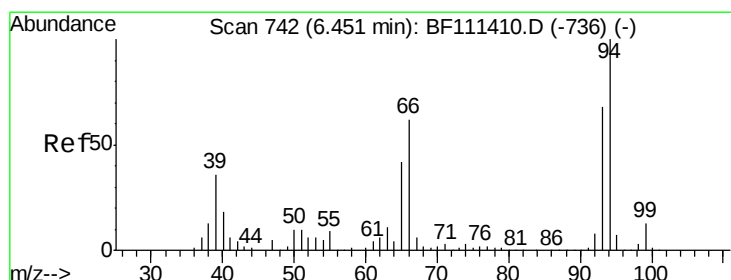
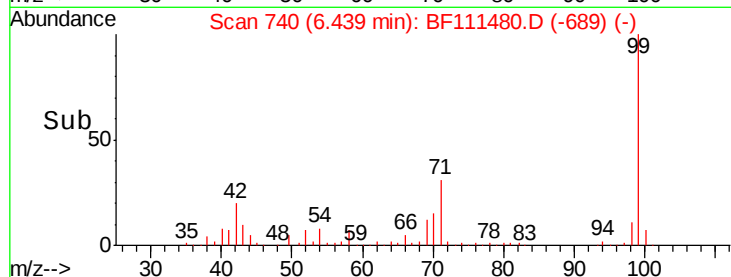
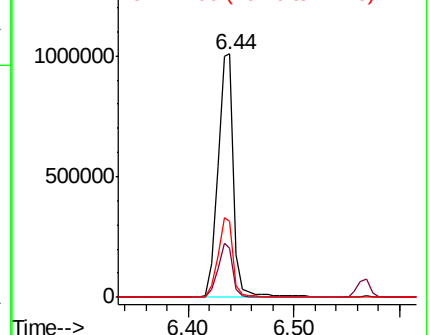
99 100

42 20.2 17.4 26.0

71 31.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.237 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111480.D

Acq: 15 Dec 2018 20:34

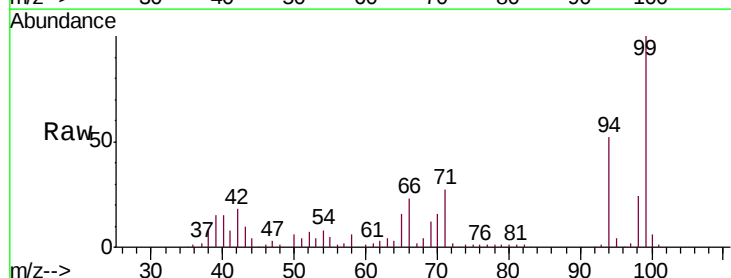
Tgt Ion: 94 Resp: 71701

Ion Ratio Lower Upper

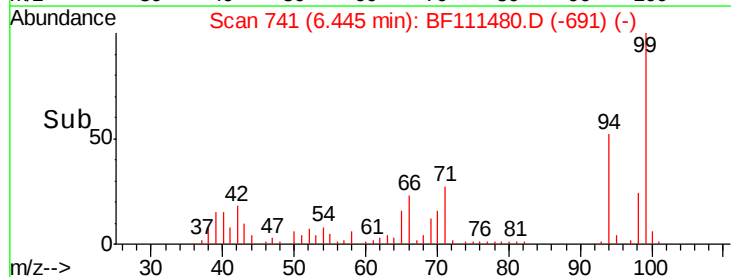
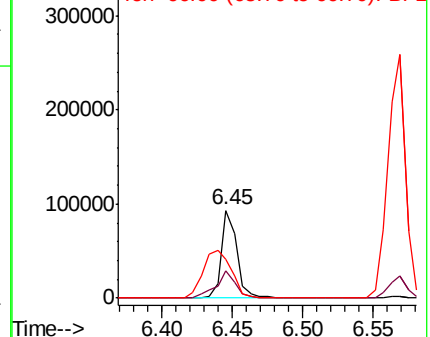
94 100

65 30.7 11.7 51.7

66 44.3 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

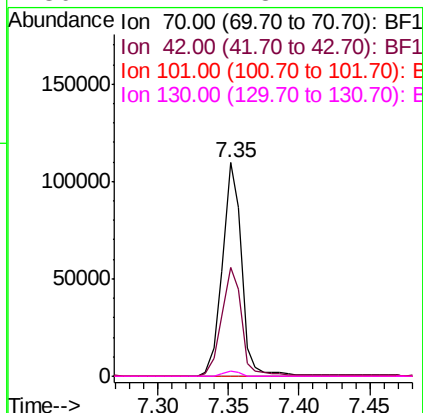
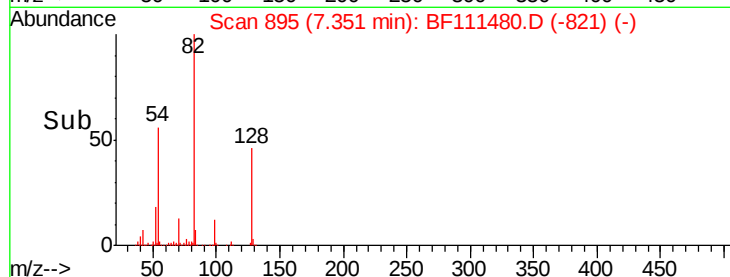
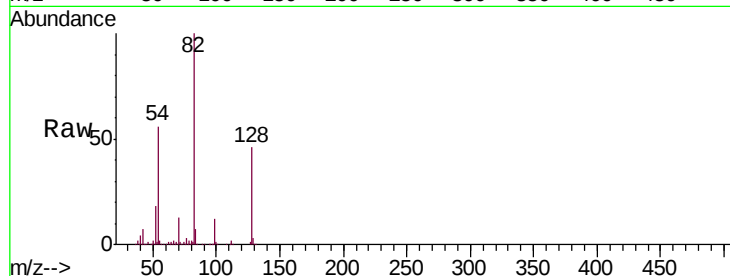




#19
n-Nitroso-di-n-propylamine
Concen: 10.481 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111480.D
Acq: 15 Dec 2018 20:34

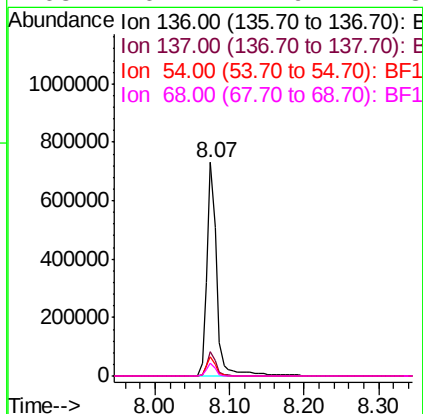
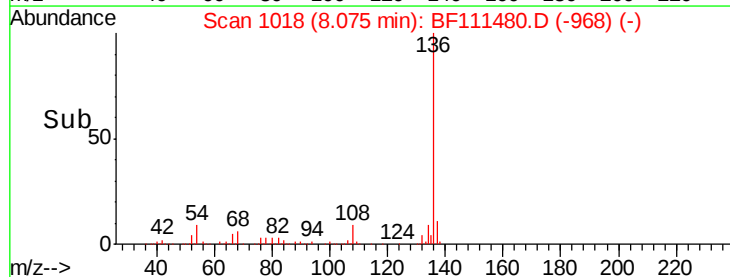
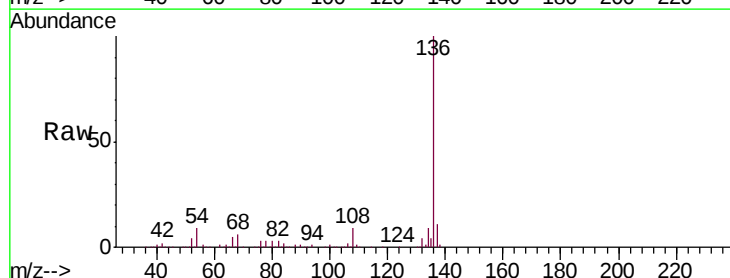
Instrument :
BNA_F
ClientSampleId :
EB11_0-2

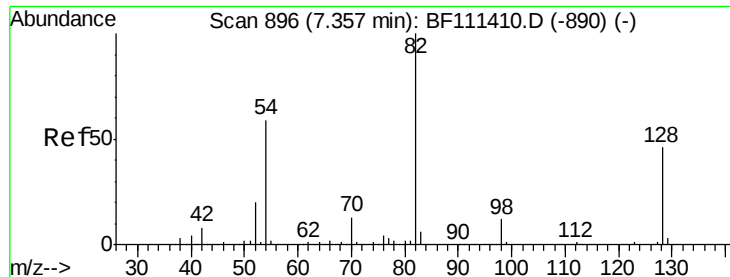
Tgt Ion: 70 Resp: 105042
Ion Ratio Lower Upper
70 100
42 51.0 53.2 79.8#
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111480.D
Acq: 15 Dec 2018 20:34

Tgt Ion: 136 Resp: 677013
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.3 7.7 11.5
68 6.1 4.9 7.3

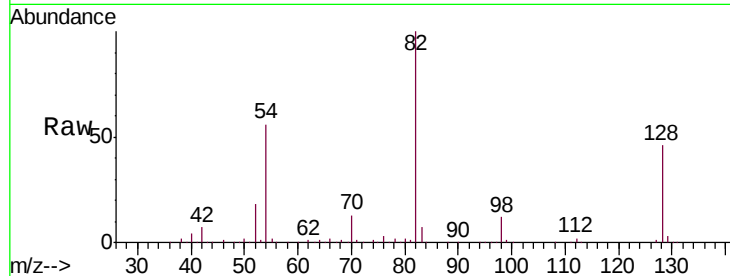




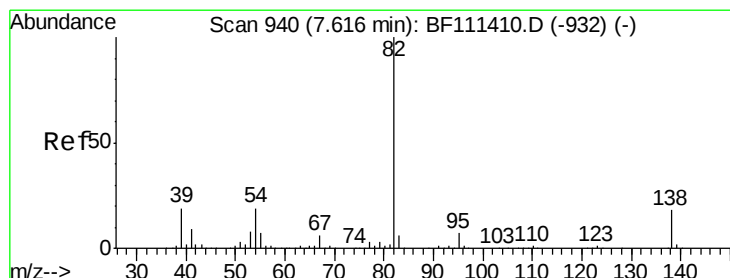
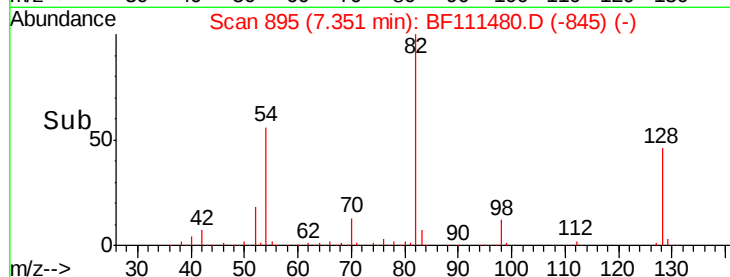
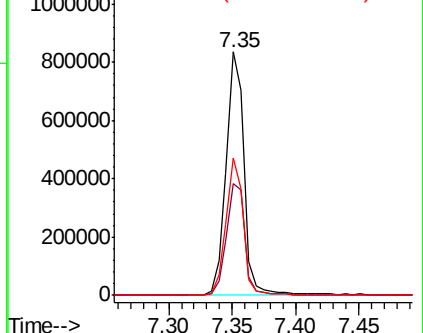
#23
 Nitrobenzene-d5
 Concen: 72.130 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111480.D
 Acq: 15 Dec 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 EB11 0-2

Tgt Ion: 82 Resp: 820051
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.4 56.2
 54 56.2 47.6 71.4

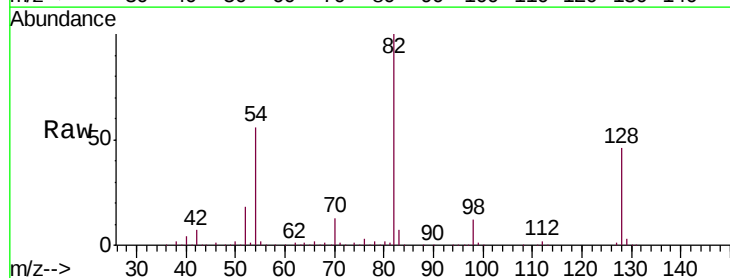


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

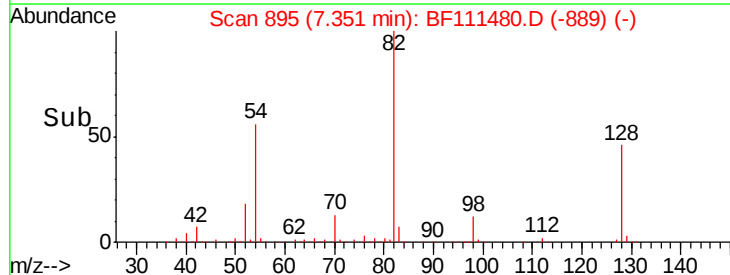
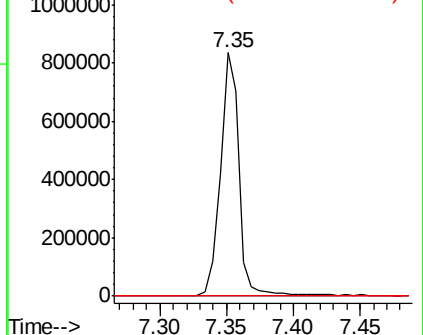


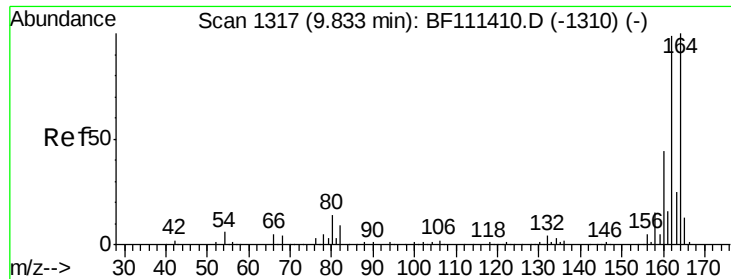
#25
 Isophorone
 Concen: 42.629 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF111480.D
 Acq: 15 Dec 2018 20:34

Tgt Ion: 82 Resp: 820038
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111480.D

Acq: 15 Dec 2018 20:34

Instrument :

BNA_F

ClientSampleId :

EB11 0-2

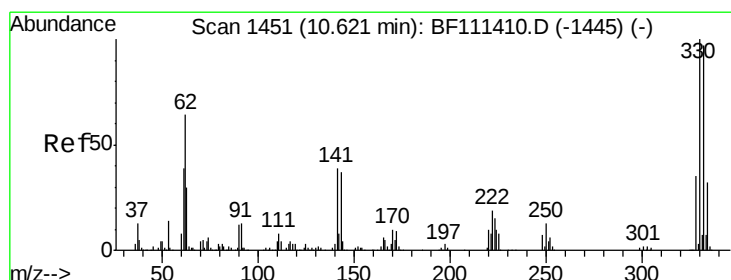
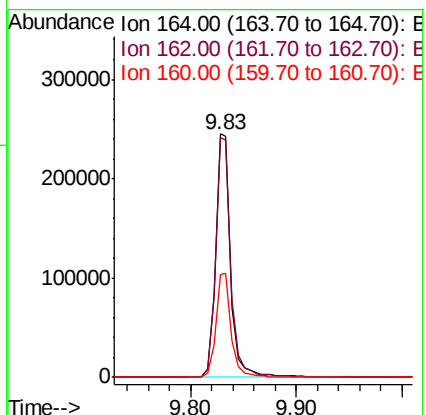
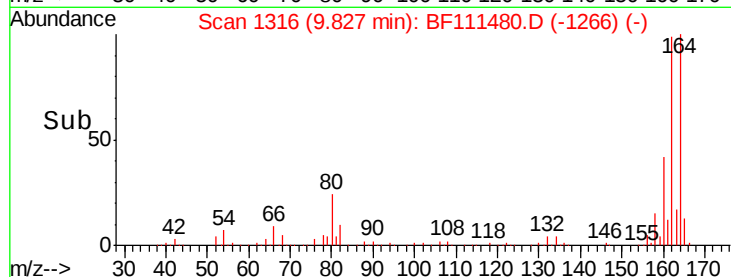
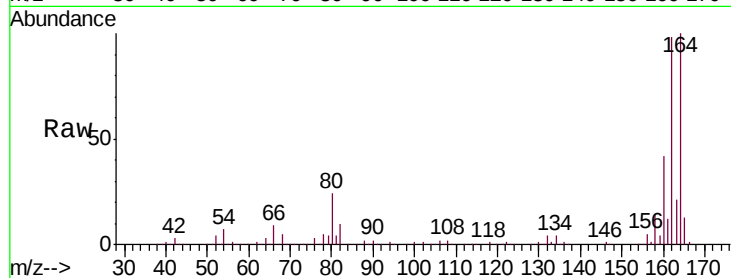
Tgt Ion:164 Resp: 249003

Ion Ratio Lower Upper

164 100

162 98.3 81.4 122.0

160 42.1 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 44.349 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111480.D

Acq: 15 Dec 2018 20:34

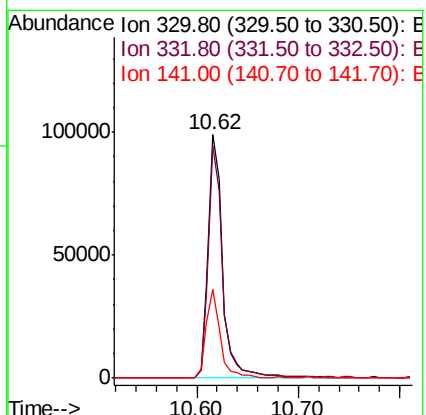
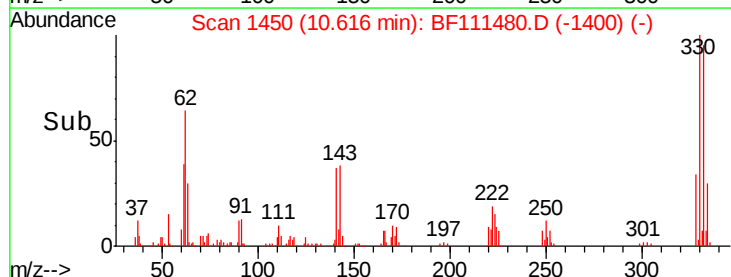
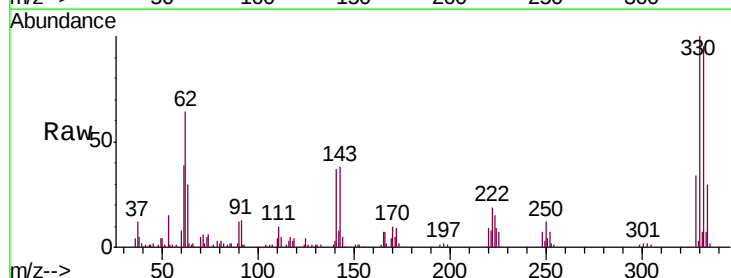
Tgt Ion:330 Resp: 98923

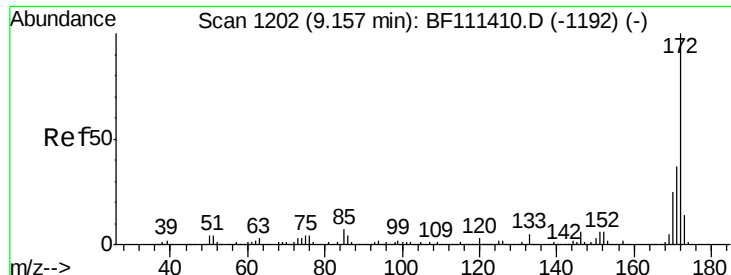
Ion Ratio Lower Upper

330 100

332 94.8 76.0 114.0

141 34.9 31.0 46.6

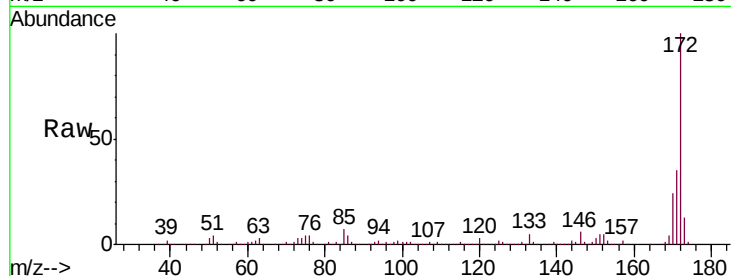




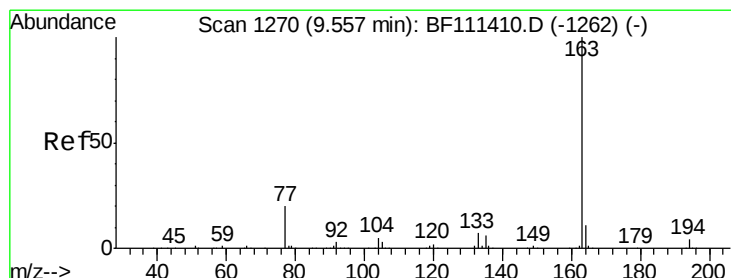
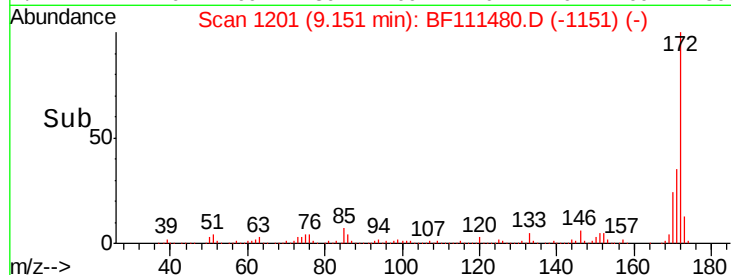
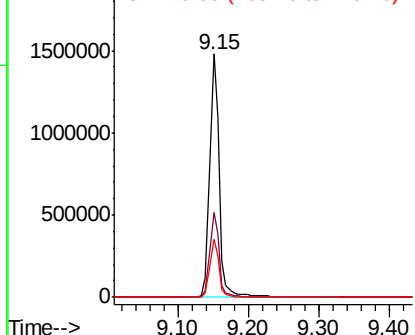
#45
2-Fluorobiphenyl
Concen: 85.525 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111480.D
Acq: 15 Dec 2018 20:34

Instrument :
BNA_F
ClientSampleId :
EB11 0-2

Tgt Ion:172 Resp: 1378706
Ion Ratio Lower Upper
172 100
171 35.0 33.0 49.4
170 23.7 22.3 33.5

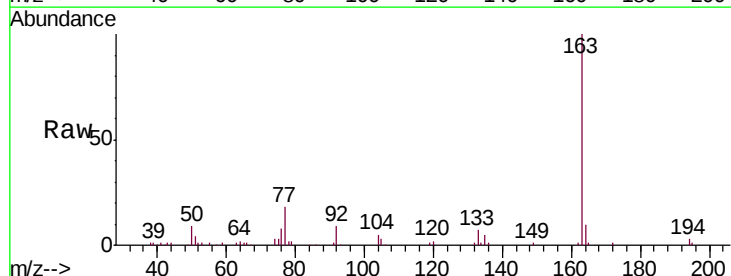


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

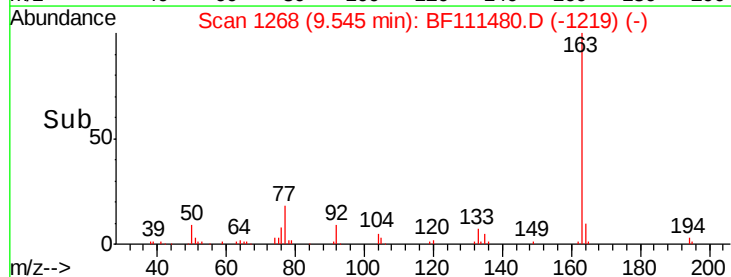
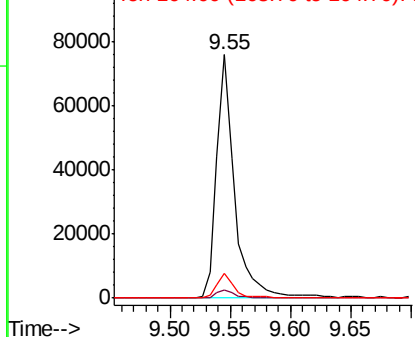


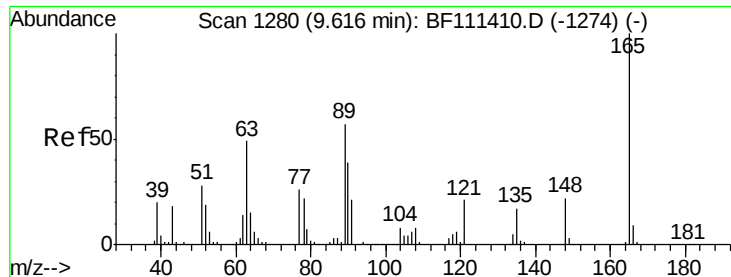
#50
Dimethylphthalate
Concen: 4.327 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111480.D
Acq: 15 Dec 2018 20:34

Tgt Ion:163 Resp: 77590
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

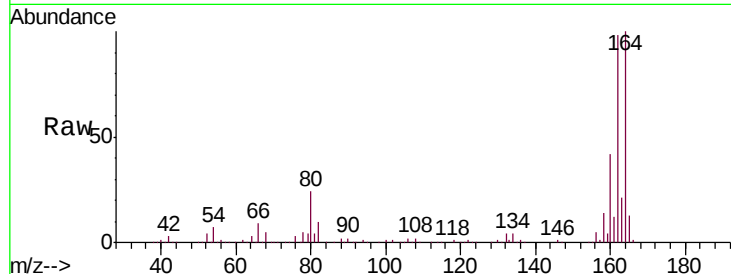




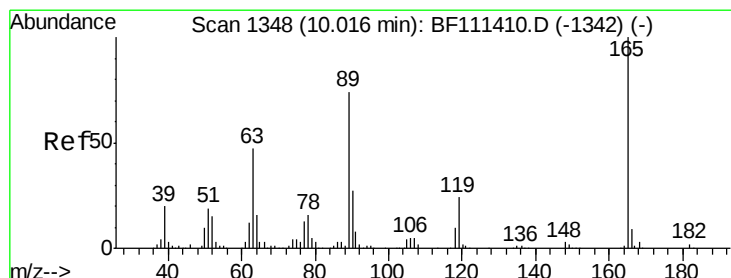
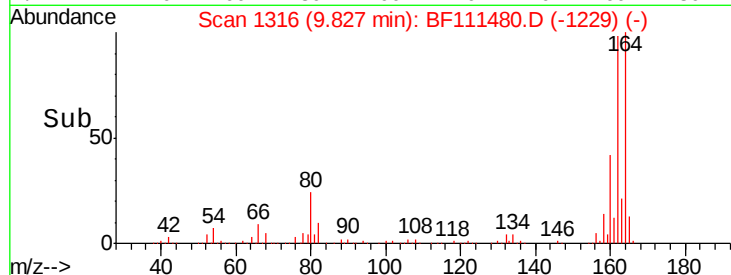
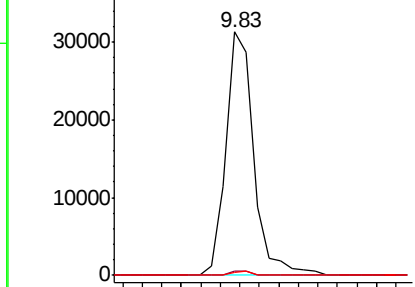
#51
 2,6-Dinitrotoluene
 Concen: 7.667 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111480.D
 Acq: 15 Dec 2018 20:34

Instrument :
 BNA_F
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 EB11 0-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.5	60.7#
89	1.2	40.0	60.0#



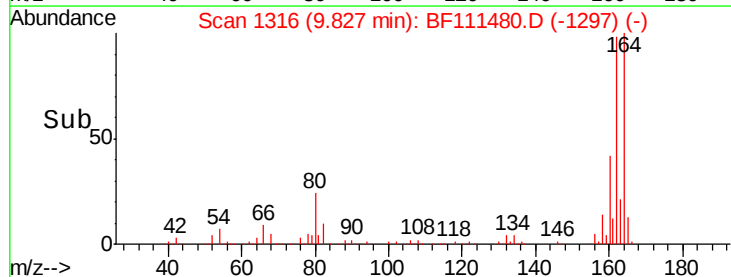
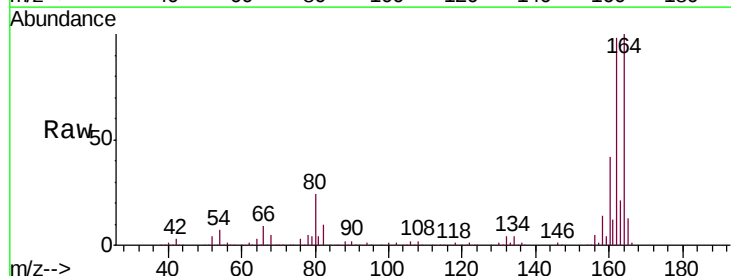
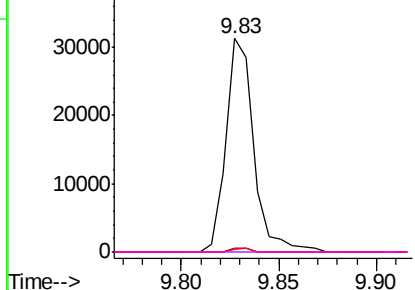
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

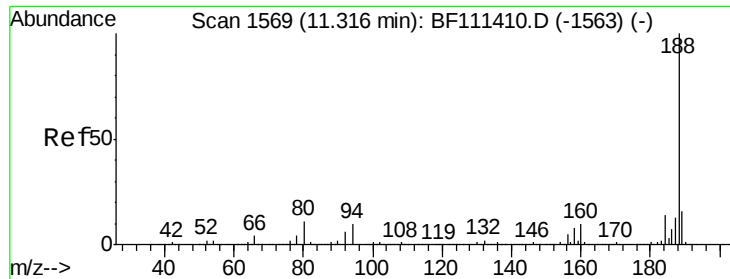


#57
 2,4-Dinitrotoluene
 Concen: 5.842 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111480.D
 Acq: 15 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

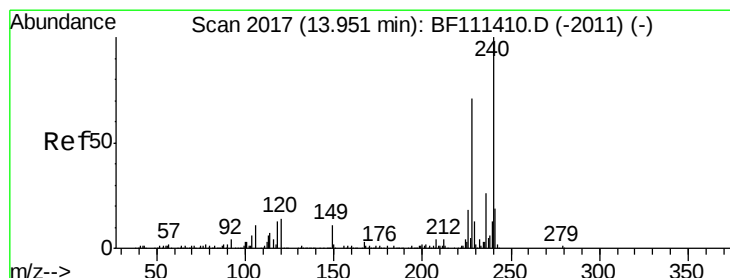
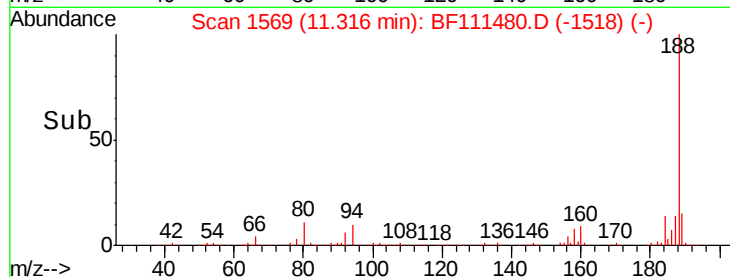
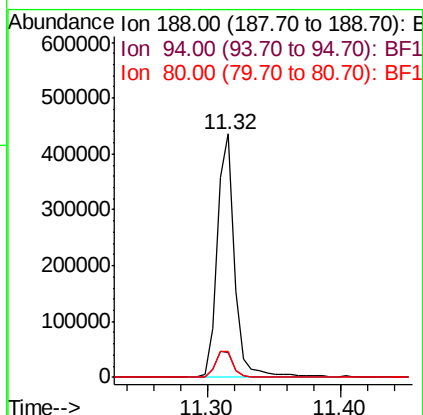
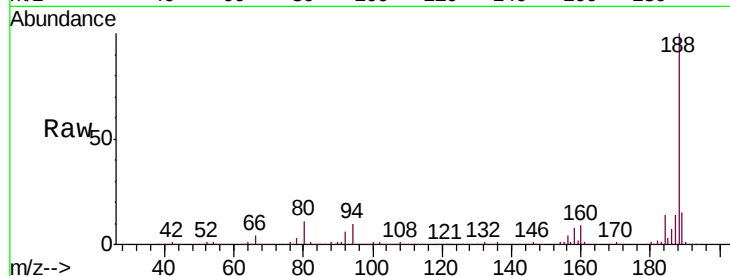




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111480.D
Acq: 15 Dec 2018 20:34

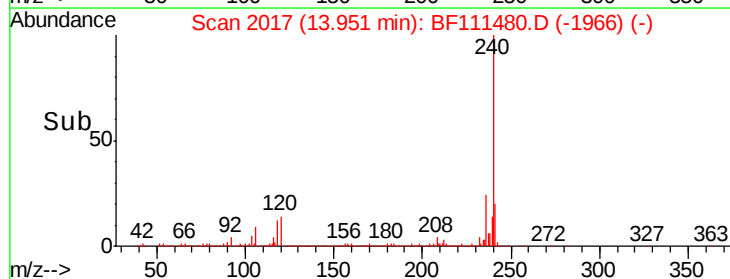
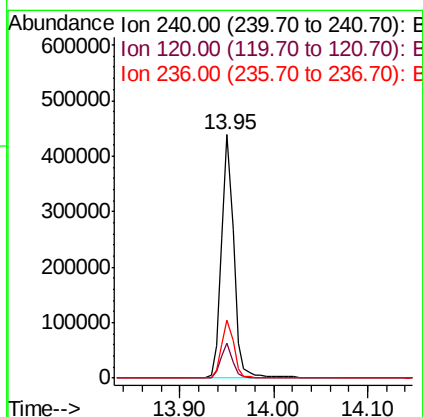
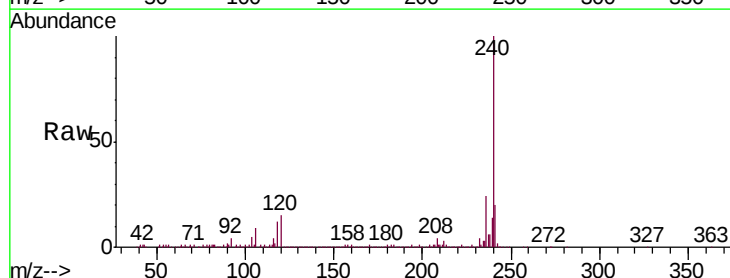
Instrument :
BNA_F
ClientSampleId :
EB11 0-2

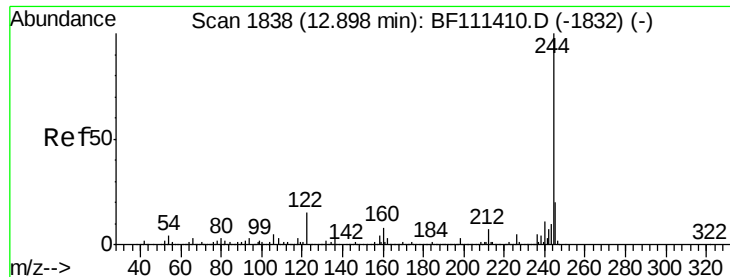
Tgt Ion:188 Resp: 402138
Ion Ratio Lower Upper
188 100
94 9.9 9.6 14.4
80 10.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF111480.D
Acq: 15 Dec 2018 20:34

Tgt Ion:240 Resp: 406394
Ion Ratio Lower Upper
240 100
120 14.6 12.2 18.2
236 23.9 20.2 30.2





#79

Terphenyl-d14

Concen: 70.050 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111480.D

Acq: 15 Dec 2018 20:34

Instrument :

BNA_F

ClientSampleId :

EB11 0-2

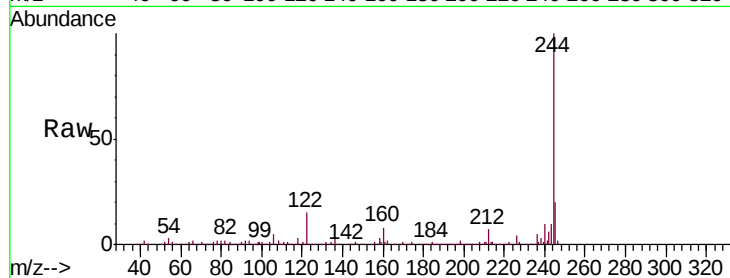
Tgt Ion:244 Resp: 1212312

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

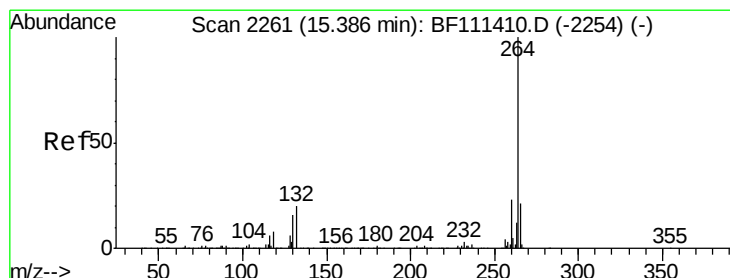
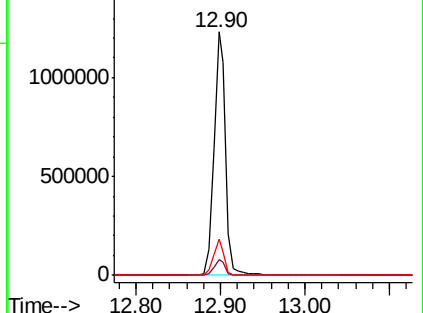
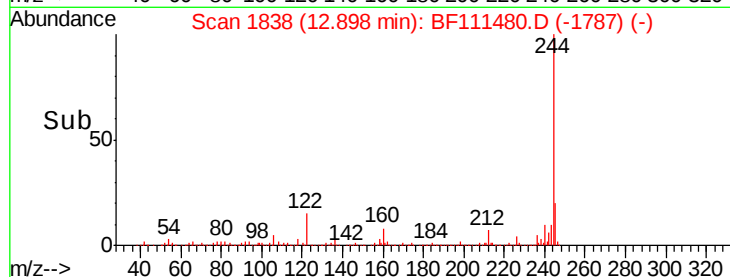
122 15.0 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111480.D

Acq: 15 Dec 2018 20:34

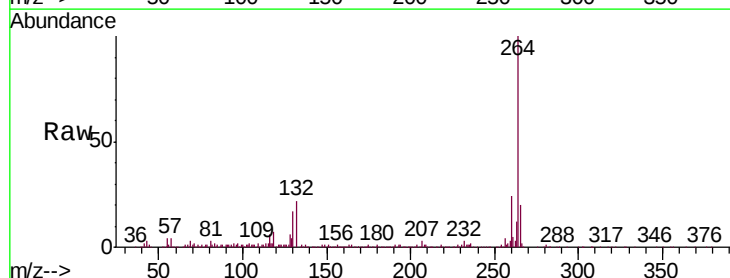
Tgt Ion:264 Resp: 287943

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 20.3 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

